

ABSTRACT OF THE DISCLOSURE

An automatic transmission is controlled by using a hydraulic circuit employing a mechanical pump driven by an engine, a motor pump, and oil passages to which the mechanical pump and the motor pump supply a fluid. More specifically, when a change of state in the automatic transmission and the hydraulic circuit is detected, while the engine is revolving without any aid of a starter so that the mechanical pump supplies the fluid to the oil passages, the motor pump is driven.